



The following listing of claims will replace all prior versions, and listings, of the claims in the application.

1. (Currently Amended) A system for creating persistent references to data sources comprising:

a ~~small-footprint~~ handheld device, wherein said ~~small-footprint~~ handheld device includes a processing unit and system memory;

a software framework stored in said system memory, wherein said software framework supports program modules, wherein said program modules implement computing services;

a first computing service implemented by one or more of said program modules, wherein said first computing service is operable to create a persistent reference to a data source in response to a user selecting said data source, wherein said data source is an email;

a second computing service implemented by one or more of said program modules, wherein said second computing service is operable to access said data source using said persistent reference; and

an activation framework operable to create an entity encapsulating said data source, wherein said persistent reference created by said first computing service references said entity encapsulating said data source.

2 – 11 (cancelled)

12. (Currently Amended) A system for creating persistent references to data sources comprising:

a ~~small-footprint~~ handheld device, wherein said ~~small-footprint~~ handheld device includes a processing unit and system memory;

a software framework stored in said system memory, wherein said software framework supports program modules, wherein said program modules implement computing services;

a first computing service implemented by one or more of said program modules, wherein said first computing service is operable to create a persistent reference to a data source in response to a user selecting said data source, wherein said data source is a web page;

a second computing service implemented by one or more of said program modules, wherein said second computing service is operable to access said data source using said persistent reference; and

an activation framework operable to create an entity encapsulating said data source, wherein said persistent reference created by said first computing service references said entity encapsulating said data source.

13. (Currently Amended) A system for creating persistent references to data sources comprising:

a ~~small-footprint~~ handheld device, wherein said ~~small-footprint~~ handheld device includes a processing unit and system memory;

a software framework stored in said system memory, wherein said software framework supports program modules, wherein said program modules implement computing services;

a first computing service implemented by one or more of said program modules, wherein said first computing service is operable to create a persistent reference to a data source in response to a user selecting said data source, wherein said data source is an appointment entry;

a second computing service implemented by one or more of said program modules, wherein said second computing service is operable to access said data source using said persistent reference; and

an activation framework operable to create an entity encapsulating said data source, wherein said persistent reference created by said first computing service references said entity encapsulating said data source.

14. (Cancelled.)

15. (Currently Amended) The system of claim ~~14~~ 1, wherein said activation framework is further operable to invoke said second computing service to perform an operation on said data source.

16. (Currently Amended) The system of claim ~~14~~ 1, wherein said activation framework comprises a JavaBeans Activation Framework.

17. (Previously Presented) The system of claim 1, wherein said software framework requires less than 300 kilobytes of memory.

18. (Currently Amended) The system of claim 1, wherein said ~~small-footprint~~ handheld device comprises less than 2 megabytes of memory.

19. (Currently Amended) The system of claim 1, wherein said ~~small-footprint~~ handheld device comprises a display screen smaller than twenty square inches.

20. (Currently Amended) The system of claim 1, wherein said ~~small-footprint~~ handheld device is ~~exclusively~~ battery operated.

21. (Cancelled)

22. (Currently Amended) The system of claim ~~21~~ 12, wherein said activation framework is further operable to invoke said second computing service to perform an operation on said data source.

23. (Currently Amended) The system of claim ~~21~~ 12, wherein said activation framework comprises a JavaBeans Activation Framework.

24. (Previously Presented) The system of claim 12, wherein said software framework requires less than 300 kilobytes of memory.

25. (Cancelled)

26. (Currently Amended) The system of claim ~~25~~ 13, wherein said activation framework is further operable to invoke said second computing service to perform an operation on said data source.

27. (Currently Amended) The system of claim ~~25~~ 13, wherein said activation framework comprises a JavaBeans Activation Framework.

28. (Previously Presented) The system of claim 13, wherein said software framework requires less than 300 kilobytes of memory.

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Claims 1 and 12 – 28 remain pending in the application. Claims 14, 21 and 25 have been cancelled. Claims 1, 12, 13, 15 – 16, 18 – 20, 22 – 23 and 26 – 27 have been amended. Claims 1, 12 – 13, 15 – 20, 22 – 24, and 26 – 28 remain pending.

In light of the foregoing amendments and remarks, Applicants submit that all pending claims are now in condition for allowance, and an early notice to that effect is earnestly solicited. If a phone interview would speed allowance of any pending claims, such is requested at the Examiner's convenience.

The Commissioner is authorized to charge any fees which may be required, or credit any overpayment, to Meyertons, Hood, Kivlin, Kowert & Goetzel PC Deposit Account No. 50-1505/5181-31400.

Respectfully submitted,

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